OIPE JC12 OCT 23 2000 PATENT & TRADEMARK OFFICE
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SECTOR

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

In re application of: Chapman et al.

Attorney Docket No.: CISCP145/1945

Application No.: 09/606,503

Examiner: Not Assigned

Filed: June 28, 2000

Group: 2631

Title: DOWNSTREAM CHANNEL CHANGE TECHNIQUE IMPLEMENTED IN AN ACCESS NETWORK

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail to: Assistant Commissioner for Patents, Washington, DC 20231 on October 17, 2000.

Signed: Joyce L. Ferreira

LETTER TO OFFICE OF INITIAL PATENT EXAMINATION

Assistant Commissioner for Patents
Office of Initial Patent Examination (OIPE)
Washington, D.C. 20231

Dear Ladies and Gentlemen:

In response to the Notice to File Missing Parts mailed October 5, 2000, in which an executed Oath or Declaration is required, please take note that Applicants submitted a properly executed Declaration and Power of Attorney with the application as filed. Please find enclosed a copy of the transmittal letter reflecting the enclosure, a copy of the executed combined Declaration and Power of Attorney, and a copy of the postcard stamped by the Patent Office mailroom acknowledging receipt of the same.

In view of the above, it is respectfully requested that the Office of Initial Patent Examination withdraw the Notice to File Missing Parts and the application be passed to examination. If any further information is needed to rectify this matter, please do not hesitate to contact the undersigned at (510) 843-6200.

Respectfully submitted,
BEYER WEAVER & THOMAS, LLP

Dean E. Wolf
Reg. No. 37,260

P.O. Box 778
Berkeley, CA 94704-0778

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

OIPE JC137
OCT 23 2000
PATENT & TRADEMARK OFFICE

CERTIFICATE OF EXPRESS MAILING
I hereby certify that this paper and the documents and/or fees referred to as attached therein are being deposited with the United States Postal Service on June 28, 2000 in an envelope as "Express Mail Post Office to Addressee" service under 37 CFR §1.10, Mailing Label Number EL132533984US addressed to the Assistant Commissioner for Patents, Washington, DC 20231.

Chanti Appling

Attorney Docket No.: CISCP145/1946

First Named Inventor: Chapman et al.

EL132533984US

UTILITY PATENT APPLICATION TRANSMITTAL (37 CFR. § 1.53(b))
(Regular application claiming priority of a provisional)

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

☐ Duplicate for fee processing

Sir: This is a request for filing a patent application under 37 CFR. § 1.53(b) in the name of inventors: John T. Chapman, Daniel W. Crocker, Feisal Y. Daruwalla, Joanna Qun Zang and Yong Lu

For: **DOWNSTREAM CHANNEL CHANGE TECHNIQUE IMPLEMENTED IN AN ACCESS NETWORK**

Priority of U.S. Provisional Application No. 60/159,085 filed on October 13, 1999 is claimed under 35 U.S.C. § 119(e).

Application Elements:

- ☒ 58 Pages of Specification, Claims and Abstract
- ☒ 14 Sheets of **Formal** Drawings
- ☒ 3 Pages Combined Declaration and Power of Attorney
- ☐ Separate Declaration

Accompanying Application Parts:

- ☒ Assignment and Assignment Recordation Cover Sheet (recording fee of $40.00 enclosed)
- ☐ Separate Power of Attorney by Assignee
- ☐ 37 CFR 3.73(b) Statement by Assignee
- ☒ Information Disclosure Statement with Form PTO-1449
 - ☒ Copies of IDS Citations
- ☒ Preliminary Amendment
- ☒ Return Receipt Postcard
- ☐ Small Entity Statement(s)
- ☒ Other: Attachment A to Application

Claim For Foreign Priority

☐ Priority of _____ Application No. _____ filed on _____ is claimed under 35 U.S.C. § 119.

☐ The certified copy is enclosed.

☐ The certified copy will follow.

☐ Amend the specification by inserting before the first line the sentence:

"This application claims the benefit of U.S. Provisional Application No. _____ filed on _____, the disclosure of which is incorporated herein by reference."

Fee Calculation (37 CFR § 1.16)

	(Col. 1) NO. FILED	(Col. 2) NO. EXTRA	SMALL ENTITY RATE	FEE	OR	LARGE ENTITY RATE	FEE
BASIC FEE			$345	$	OR	$690	$ 690
TOTAL CLAIMS	71	-20 = 51	x9 =	$	OR	x18 =	$ 918
INDEP CLAIMS	11	-03 = 8	x39 =	$	OR	x78 =	$ 624
[] Multiple Dependent Claim Presented			$130 =	$	OR	$260 =	$
* If the difference in Col. 1 is less than zero, enter "0" in Col. 2.			Total	$	OR	Total	$2232

☒ Check No. 2959 in the amount of $2272.00 is enclosed.

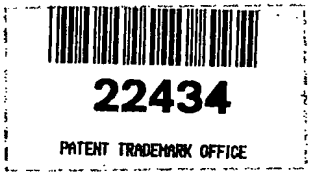
☒ The Commissioner is authorized to charge any fees beyond the amount enclosed which may be required, or to credit any overpayment, to Deposit Account No. 50-0388 (Order No. CISCP145).

General Authorization for Petition for Extension of Time (37 CFR §1.136)

☒ Applicants hereby make and generally authorize any Petitions for Extensions of Time as may be needed for any subsequent filings. The Commissioner is also authorized to charge any extension fees under 37 CFR §1.17 as may be needed to Deposit Account No. 50-0388 (Order No. CISCP145).

☒ Please send correspondence to the following address:

Customer Number 022434
BEYER WEAVER & THOMAS, LLP
P.O. Box 130
Mountain View, CA 94042-0130
Telephone (510) 843-6200
Fax (510) 843-6203



Date: _____

Dean E. Wolf
Registration No. **37,260**

OIPE JC137
OCT 23 2000
PATENT & TRADEMARK OFFICE

Docket #	CISCP145/1946	By:	DEW/lar	Date of this mailing:	June 28, 2000
Appl'n # :	NEW	Filing Date:	HEREWITH	Express Mail #	EL132533984US
Inv(s)	Chapman et al.				
Title:	DOWNSTREAM CHANNEL CHANGE TECHNIQUE IMPLEMENTED IN AN ACCESS NETWORK				

The following have been received in the U.S. Patent Office on the date stamped hereon:

Item	*Description*	*# Pgs*
1.	Utility Patent Application Transmittal Including Deposit Account Authorization Duplicate	4
2.	Preliminary Amendment A	1
3.	Patent Application Specification, Claims and Abstract	58
4.	Attachment A	39
5.	Formal Drawings	14
6.	Assignment Recordation Cover Sheet and Assignment	4
7.	Information Disclosure Statement and PTO Form 1449	2
8.	1 Prior Art Reference	1
9.	Check No.: 2959 for $2272.00	
10.	Express Mail Certificate of Mailing	
11.	Box Patent Application	
12.	Combined Declaration and Power of Attorney	

JC834 U.S. PTO
09/606503
06/28/00

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JUL 10 2000
BEYER WEAVER THOMAS & NGUYEN, LLP
SILICON VALLEY

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BEYER WEAVER & THOMAS, LLP
Docketed
Date
JUL 11 2000
SILICON VALLEY

UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/606,503	06/28/2000	John T. Chapman	CISCP145/1945

OIPE SC137 OCT 23 2000 PATENT & TRADEMARK OFFICE

22434
BEYER WEAVER & THOMAS LLP
P.O. BOX 778
BERKELEY, CA 94704-0778

FORMALITIES LETTER

OC000000005455340

Date Mailed: 10/05/2000

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.
 A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of $130 for a non-small entity, must be submitted with the missing items identified in this letter.

- **The balance due by applicant is $ 130.**

A copy of this notice MUST be returned with the reply.

11/03/2000 DFLOYD 00000006 500388 09606503
01 FC:105 130.00 CH

Customer Service Center
Initial Patent Examination Division (703) 308-1202
PART 2 - COPY TO BE RETURNED WITH RESPONSE

FILE COPY

UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

Bib Data Sheet

CONFIRMATION NO. 6276

SERIAL NUMBER	FILING DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
09/606,503	06/28/2000 RULE	375	2631	CISCP145/1945

APPLICANTS

John T. Chapman, Cupertino, CA;
Daniel W. Crocker, San Jose, CA;
Feisal Y. Daruwalla, Fremont, CA;
Joanna Qun Zang, San Jose, CA;
Yong Lu, San Jose, CA;

**** CONTINUING DATA ***************************

THIS APPLICATION IS A CON OF 09/490,761 01/24/2000
WHICH CLAIMS BENEFIT OF 60/159,085 10/13/1999

**** FOREIGN APPLICATIONS *********************

IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 10/05/2000

Foreign Priority claimed	STATE OR COUNTRY	SHEETS DRAWING	TOTAL CLAIMS	INDEPENDENT CLAIMS
☐ yes ☐ no	CA	14	71	11
35 USC 119 (a-d) conditions met ☐ yes ☐ no ☐ Met after Allowance				
Verified and Acknowledged Examiner's Signature Initials				

ADDRESS

22434

TITLE

Downstream channel change technique implemented in an access network

FILING FEE RECEIVED	FEES: Authority has been given in Paper
2362	No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:

- ☐ All Fees
- ☐ 1.16 Fees (Filing)
- ☐ 1.17 Fees (Processing Ext. of time)
- ☐ 1.18 Fees (Issue)
- ☐ Other _____
- ☐ Credit